

ABSTRACT

An apparatus for pneumatically conveying particulate material containing reaction products of a high pressure reactor from a supply vessel at a pressure of at least two bar to a receiving vessel at a considerably lower pressure. The apparatus includes a conveyor line attached to the supply vessel, a collecting vessel between the conveyor line and the receiving vessel, the collecting vessel including (i) a discharge conduit for the carrier gas, (ii) a device for controlling the discharge velocity of the carrier gas from the collecting vessel, and (iii) a device for controlling the pressure of the material collected in the collecting vessel, and a device for conveying the material directly from the collecting vessel to the receiving vessel essentially at the same pressure as is prevailing in the receiving vessel.

82922_1

10013804-052202